

IN THE CLAIMS

Please amend the claims as follows:

1-8. (Canceled)

9. (New) A method of regenerating a pressing mold having a molding surface, said molding surface having a film containing carbon which is deteriorated by pressing, comprising:

removing the deteriorated film by etching with plasma of a gas containing hydrogen;
and

forming a film containing carbon on the molding surface.

10. (New) The method of Claim 9 wherein the gas contains hydrogen and argon.

11. (New) The method of Claim 9 further comprising cleansing the molding surface with a solution of an acid or an alkali prior to the removing of the film.

12. (New) A method of regenerating a pressing mold having a molding surface, said molding surface having a film containing carbon which is deteriorated by pressing, comprising:

removing the deteriorated film by a treatment with ozone; and

forming a film containing carbon on the molding surface.

13. (New) The method of Claim 12 wherein the ozone is generated by ultra-violet radiation.

14. (New) The method of Claim 13 wherein the pressing mold is heated to 100°C to 600°C when the treatment is carried out.

15. (New) The method of Claim 13 further comprising cleansing the molding surface with a solution of an acid or an alkali prior to the removing of the film.

16. (New) A method of manufacturing an optical glass element with a pressing mold, said pressing mold having a molding surface comprising a film containing carbon,

comprising:

press molding a heat-softened glass material with the pressing mold;
cooling the press molded glass material in the pressing mold; and
taking out the press molded glass material from the pressing mold,
wherein the pressing mold is regenerated by removing a film containing carbon by
etching with plasma of a gas containing hydrogen, and forming the film containing carbon on
the molding surface.

17. (New) The method of Claim 16 wherein the gas contains hydrogen and argon.

18. (New) The method of Claim 16 wherein the molding surface is cleansed with a
solution of an acid or an alkali prior to the removing of the film.

19. (New) A method of manufacturing an optical glass element with a pressing mold,
said pressing mold having a molding surface comprising a film containing carbon,
comprising:

press molding a heat-softened glass material with the pressing mold;
cooling the press molded glass material in the pressing mold; and
taking out the press molded glass material from the pressing mold,
wherein the pressing mold is regenerated by removing a film containing carbon by a
treatment with ozone, and forming the film containing carbon on the molding surface.

20. (New) The method of Claim 19 wherein the ozone is generated by ultra-violet
radiation.

21. (New) The method of Claim 19 wherein the pressing mold is heated to 100°C
to 600°C when the treatment is carried out.

22. (New) The method of Claim 19 wherein the molding surface is cleansed with a
solution of an acid or an alkali prior to the removing of the film.

23. (New) The method of Claim 16 wherein the molding surface comprises a surface roughness of 20 nm or less in terms of R_{max} .

24. (New) The method of Claim 16 wherein the optical element comprising phosphate glass, fluorophosphate, or borate glass.